

Referencias

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Adams, Stewart. (1990). Constructividad Barcelona: Ediciones CEAC.

Es uno de los pocos textos específicos en esta materia traducidos al español: su título original es “Buildability”, publicado en 1989. Derivado directamente del trabajo de CIRIA (1983), sigue el enfoque dado por este organismo, señalando explícitamente que la constructividad es responsabilidad del equipo proyectista. Explica los tres principios de constructividad y 16 estrategias definidas por CIRIA, agregando una aclarativa serie de detallados ejemplos ilustrados del campo del diseño en ingeniería civil.

Best, Rick, y de Valence, Gerard (eds.). (2002). Design and Construction: Building in Value. Oxford: Butterworth-Heinemann.

Este libro es una excelente ayuda para el estudiante o profesional del diseño sin experiencia en la industria de la construcción y que desea interiorizarse en temas actuales en desarrollo. En un lenguaje simple, presenta en 20 capítulos una serie de introducciones a temas como edificios inteligentes, planificación de costos, automatización en construcción, gestión de calidad, gestión de residuos, *lean construction*, modelación energética, y por supuesto, constructividad.

Construction Industry Institute [CII].

Constructability: A Primer (1986); Constructability Concept File (1987); Constructability Implementation Guide (1993). Austin: University of Texas.

Esta serie de documentos y guías es la más completa en el área de la constructabilidad, con un enfoque que cubre todas las etapas de proyecto y fuertemente orientado hacia el nivel gerencial y administrativo. El diseño representa sólo una etapa más dentro de esta visión mayor. El primer documento define el concepto y su importancia; el segundo define y describe 16 estrategias fundamentales para la mejora de la constructabilidad; y el tercer documento describe detalladamente las etapas, objetivos y acciones estratégicas para la implementación de un plan de mejora de constructabilidad en una empresa constructora.

Ferguson, Ian. (1989). Buildability in Practice. Londres: Mitchell Publishing.

Este excelente libro entrega una detallada revisión de la relación entre facilidad de construcción y el diseño, planificación, comunicación y labores en terreno. Está profusamente ilustrado con y esquemas técnicos que ejemplifican cada uno de los puntos. Concluye con la presentación de dos casos de proyectos reales que muestran la aplicación de los principios de constructividad en detalle. Es, sin embargo, un libro difícil de encontrar.

Holroyd, T. (2003). Buildability: Successful construction from concept to completion. Londres: ThomasTelford.

Esta obra puede dividirse en dos partes: En la primera, que comprende los tres primeros capítulos, se hace una introducción general al tema, con reseñas sobre el estado actual de la industria, la consideración de los factores de salud y seguridad en construcción y sobre el proceso general del proyecto de construcción. La segunda parte tiene forma de guía práctica para el diseño y planificación de construcción, presentando una exploración de las principales puntos a considerar para cada una de las partidas de construcción, desde la preparación del terreno hasta el tendido de instalaciones. Se agrega una serie de listas de chequeo y tablas informativas como ayuda para el profesional.

Wong, F.; Lam, P.; Chan, E. y Shen, L. (2007). A Study of Measures to Improve Constructability. International Journal of Quality Reliability Management, 26 (6), 586-601.

Este breve artículo presenta los resultados de una exhaustiva investigación bibliográfica que indaga en las definiciones y usos de los conceptos de constructividad y constructabilidad. Es una excelente referencia para obtener en forma rápida y resumida un panorama general de las principales investigaciones y autores durante los últimos 20 años.